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# Public Realm

# Public Realm

## Walkability

*“In the top 30 metro markets in the US, walkable urban places make-up less than 1% of the total land area but account for more than 20% of the occupied square footage of office, retail, and multi-family space.”*

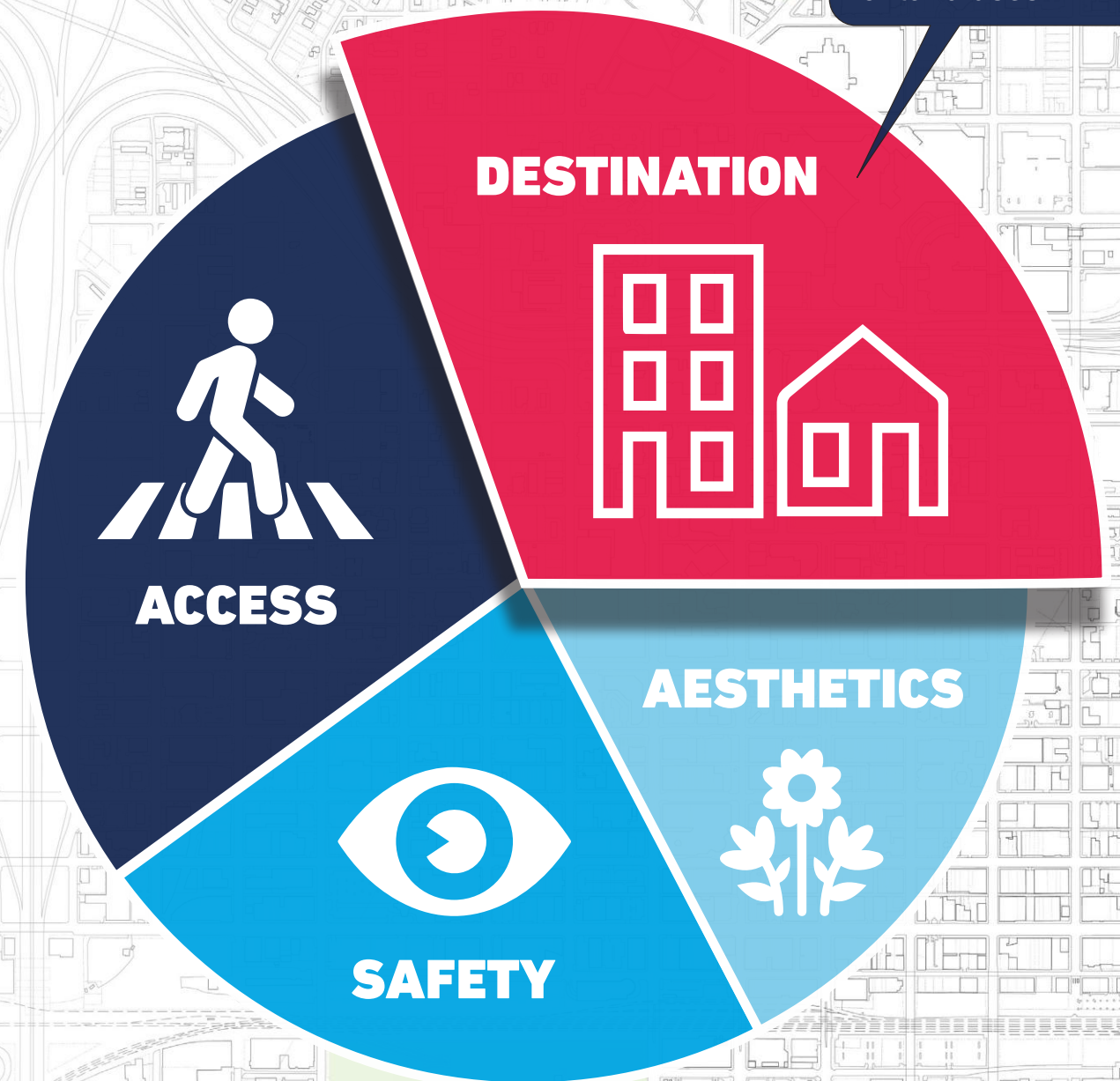
2019 Foot Traffic Ahead: Ranking Walkable Urbanism in America's Largest Metros

George Washington University School of Business and Smart Growth America

“It's very unwalkable and unbikeable even though a grid city”

“We need walkability!  
Foot traffic is what makes cities vibrant.”

+ Diversity and density of land uses



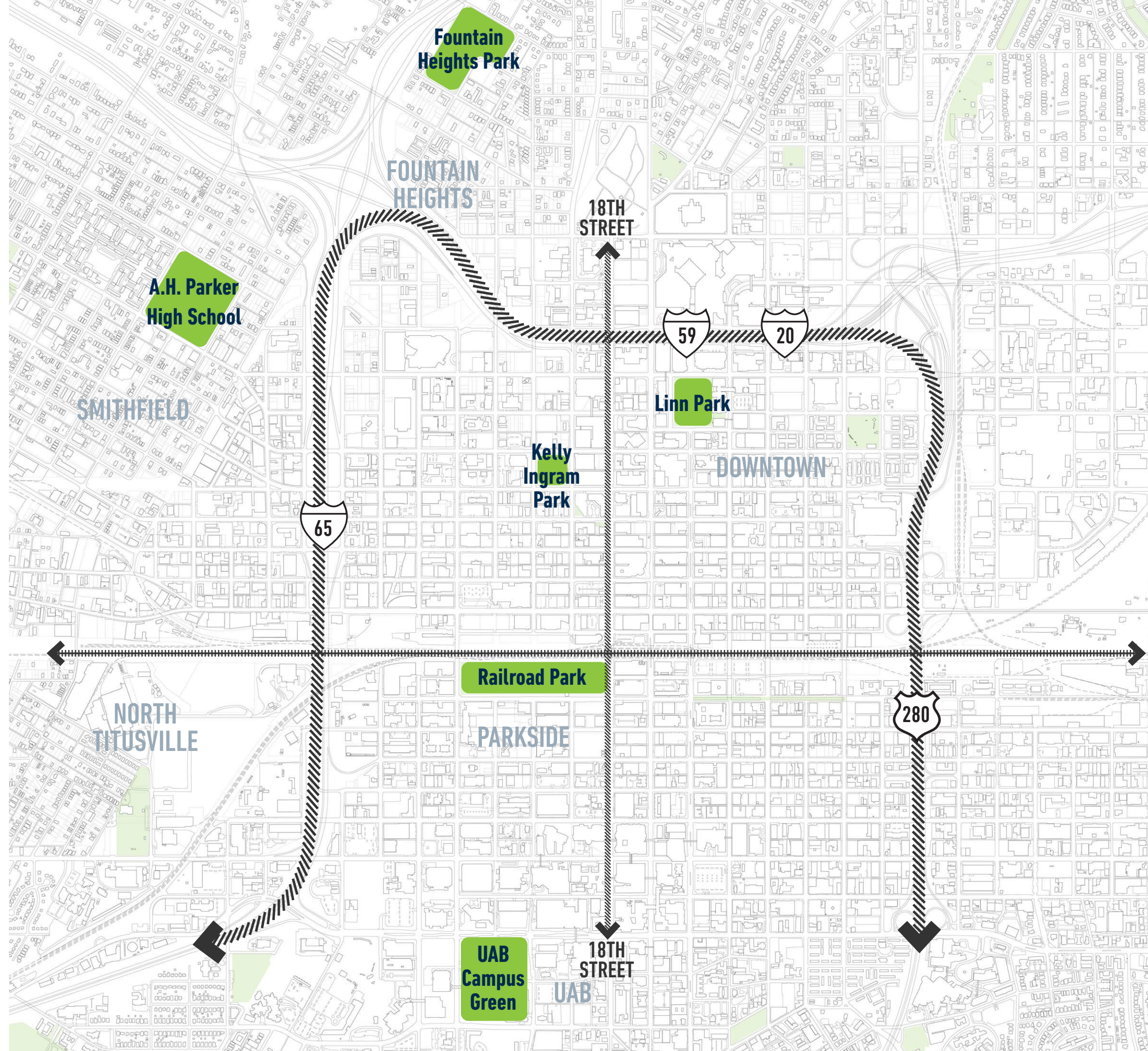
### WALKABILITY INDICES

Source: Blečić, I., Congiu, T., Fancello, G., & Trunfio, G. (2020). Planning and Design Support Tools for Walkability: A Guide for Urban Analysts. Sustainability 2020, 12, 4405; doi:10.3390/su12114405.



# Public Realm

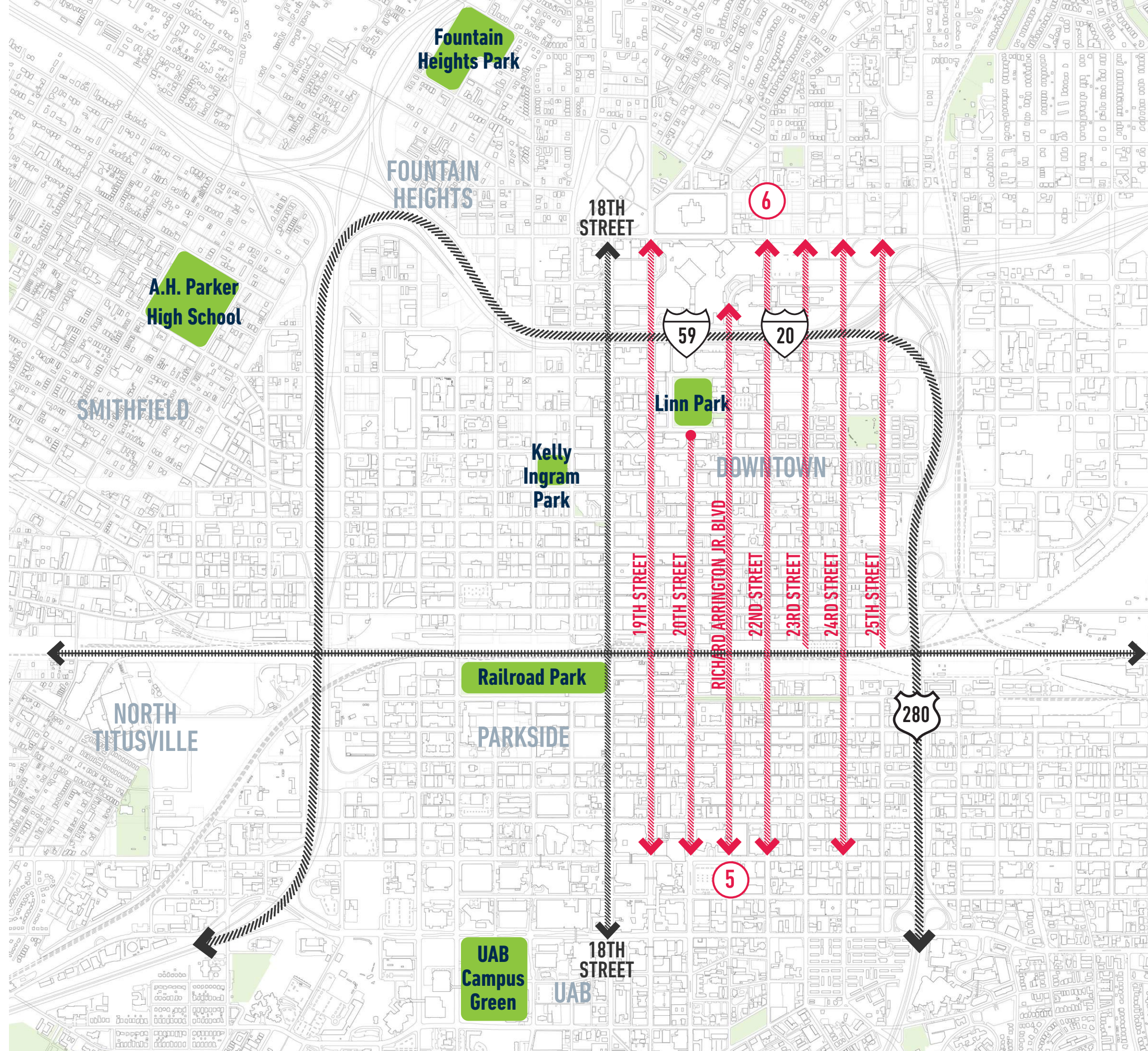
## Corridors





# Public Realm

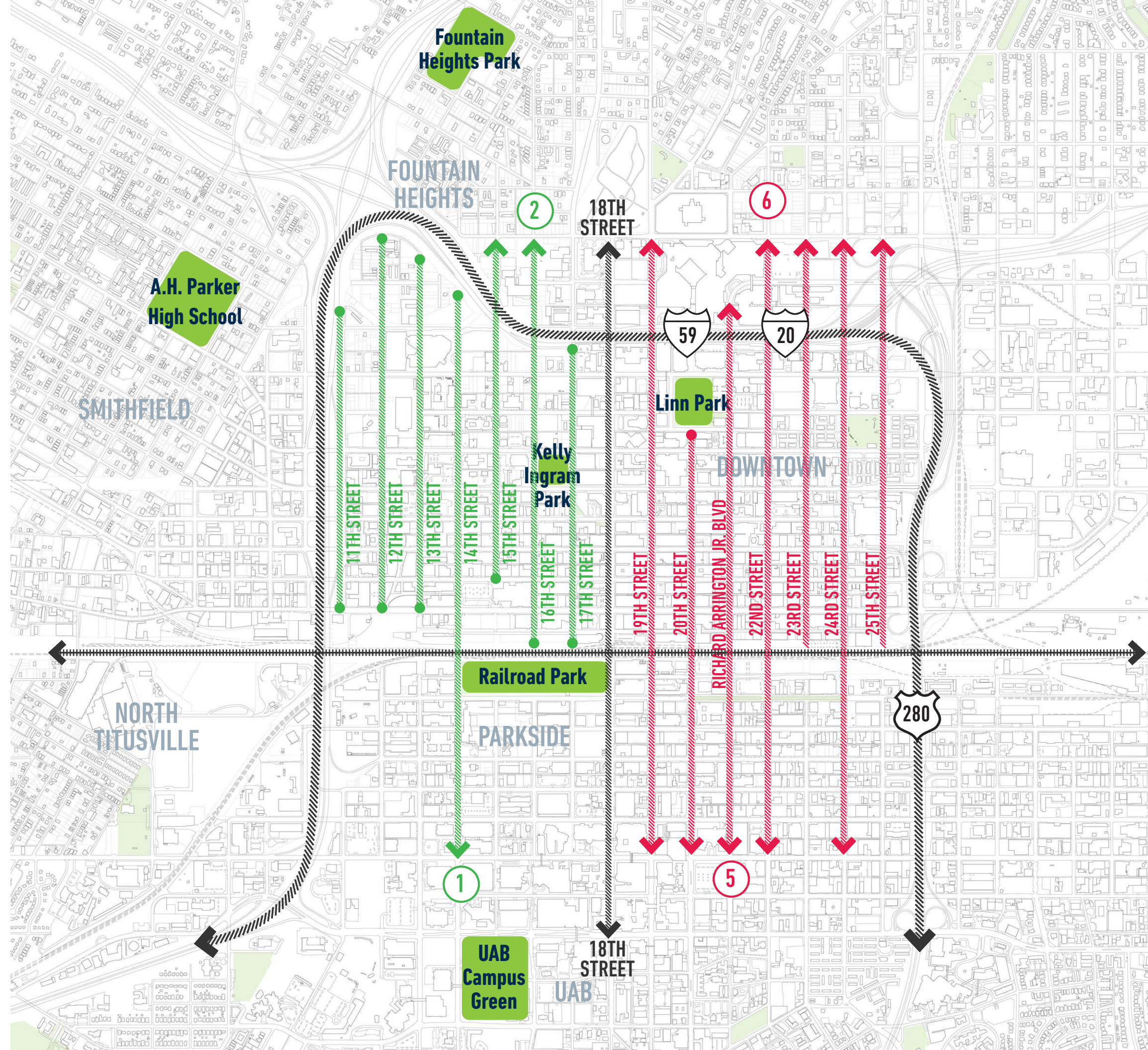
## Corridors





# Public Realm

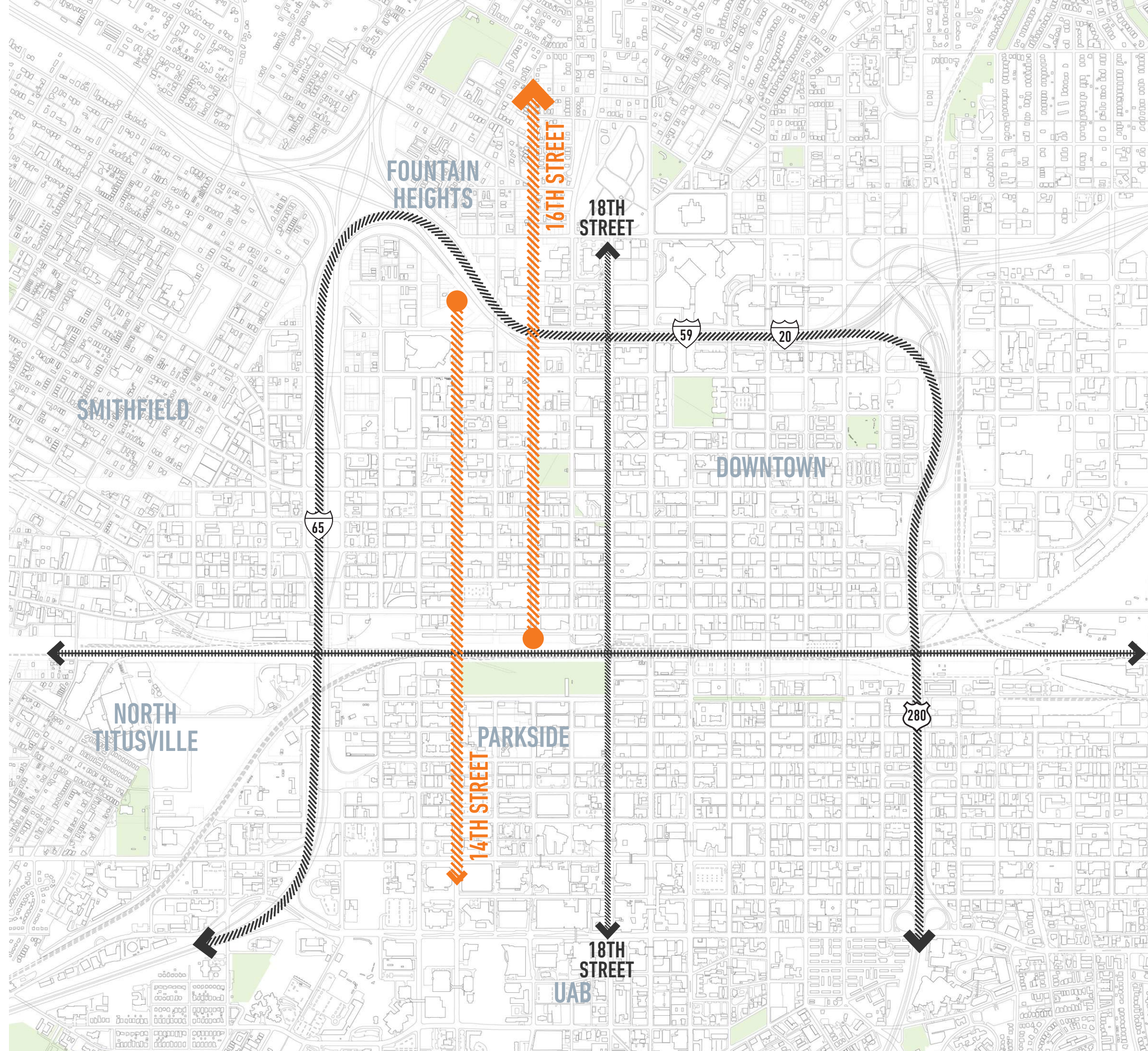
## Corridors





# Public Realm

## Corridors





# Public Realm

## Corridors

Fountain Heights Recreation Center

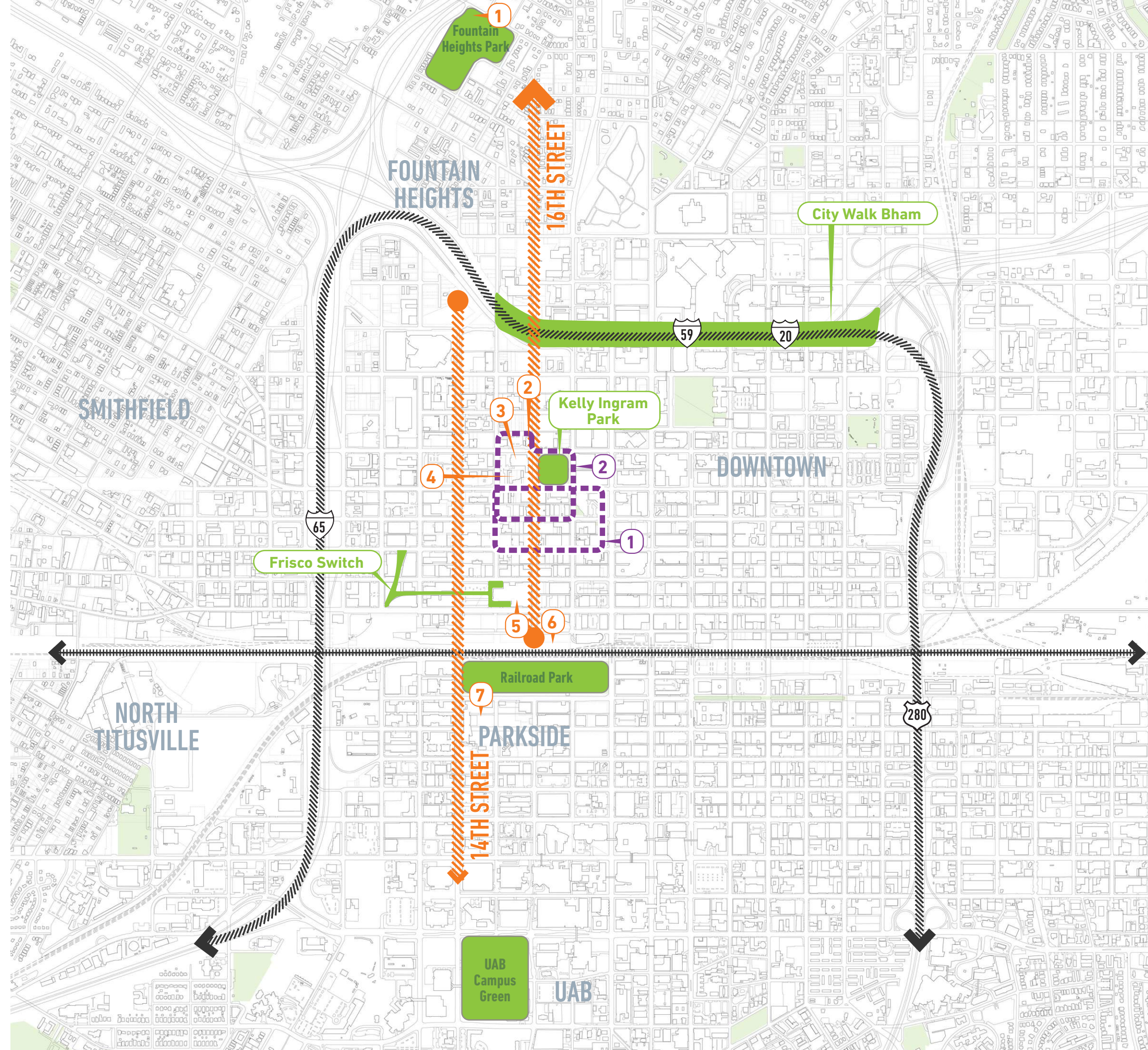


Fountain Heights Park



- 1: Historic 4th Ave. Business District
- 2: National Monument

- 1: Fountain Heights Recreation Center
- 2: 16th Street Baptist Church
- 3: BCRI
- 4: A.G. Gaston Motel
- 5: Innovation Depot
- 6: Max Central Station
- 7: Regions Field

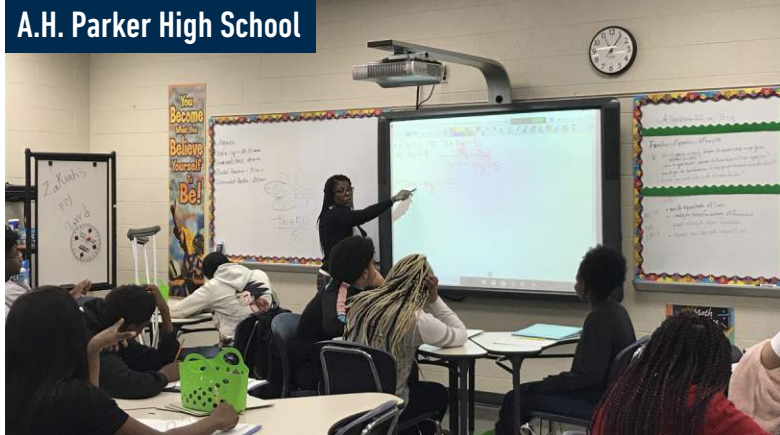




# Public Realm

## Corridors

A.H. Parker High School

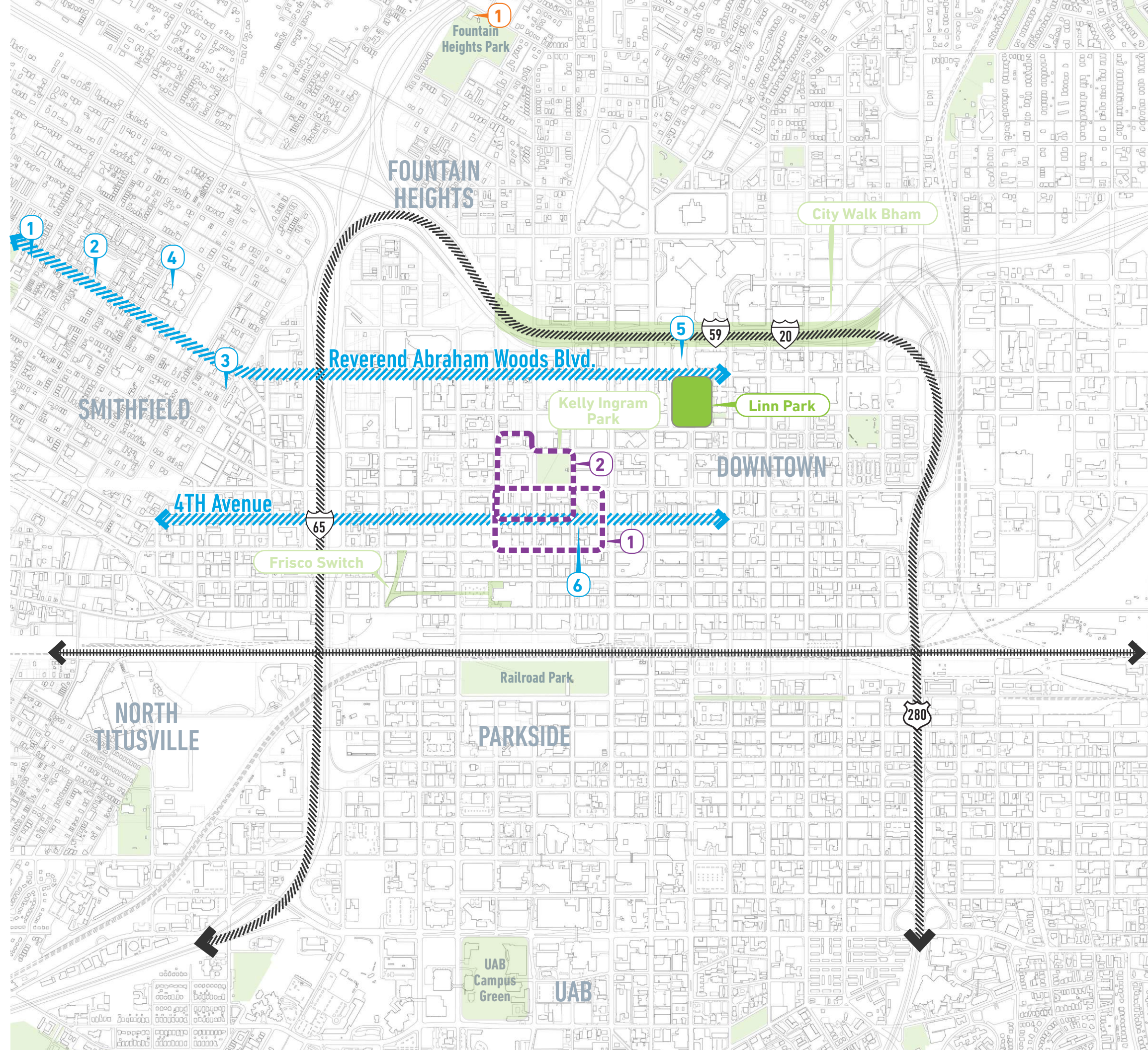


Smithfield Library



- 1: Historic 4th Ave. Business District
- 2: National Monument

- 1: Smithfield Library
- 2: Smithfield Community Center
- 3: Solomons Books & Church Supply
- 4: A.H. Parker High School
- 5: Boutwell Auditorium
- 6: Masonic Temple

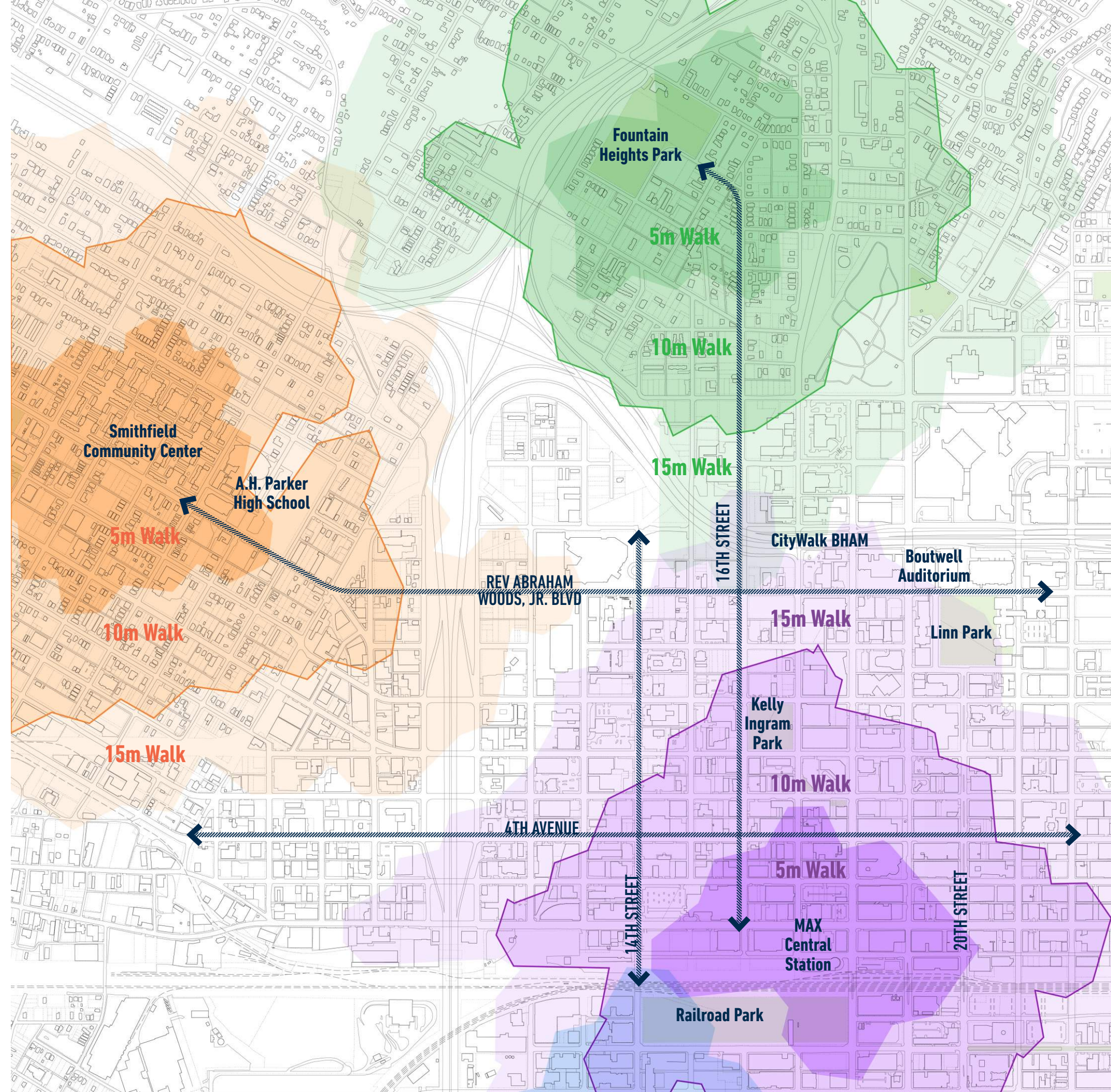




# Public Realm

## Corridors

**“Things are not that far by foot or bike.”**



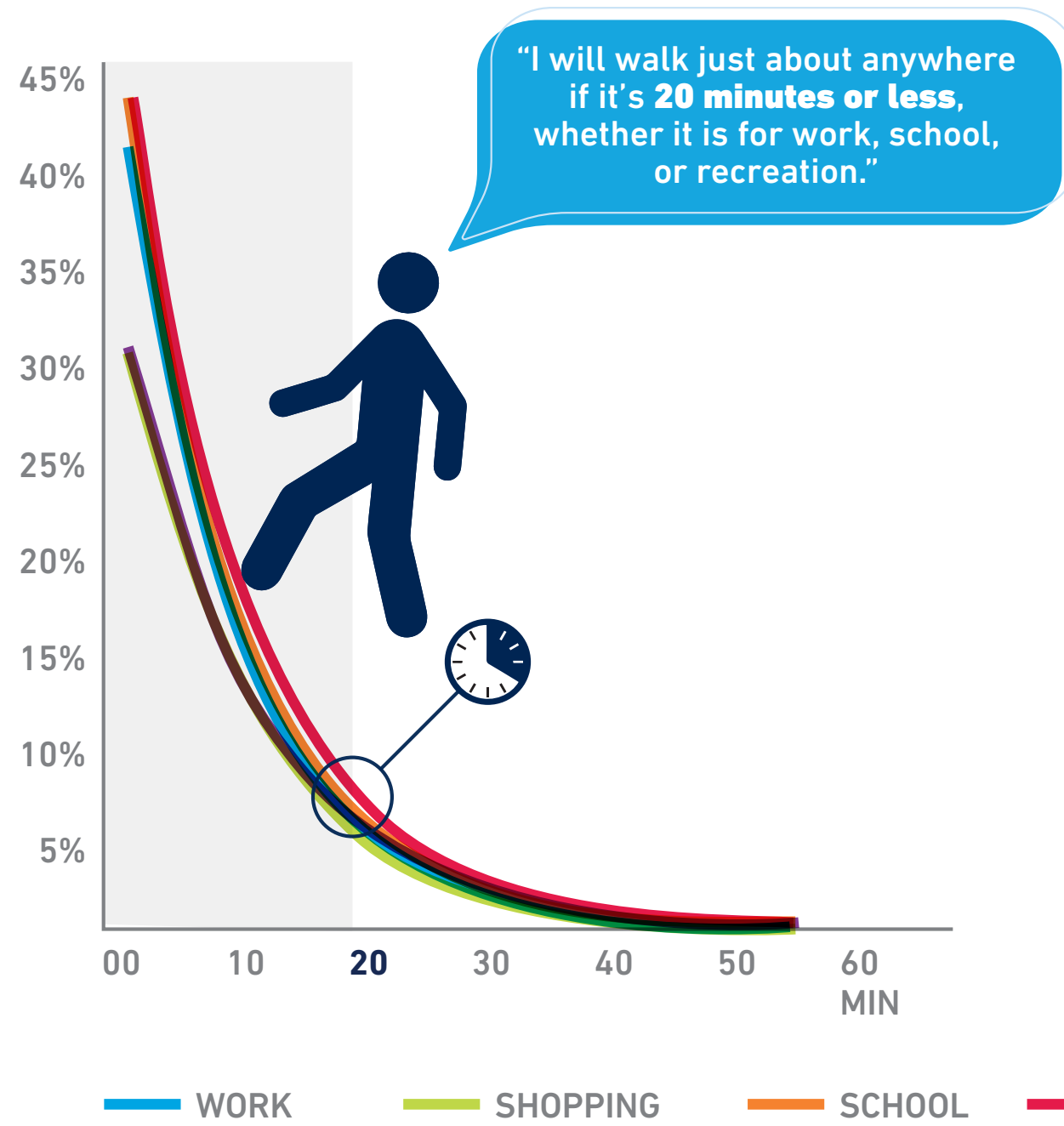


# Public Realm

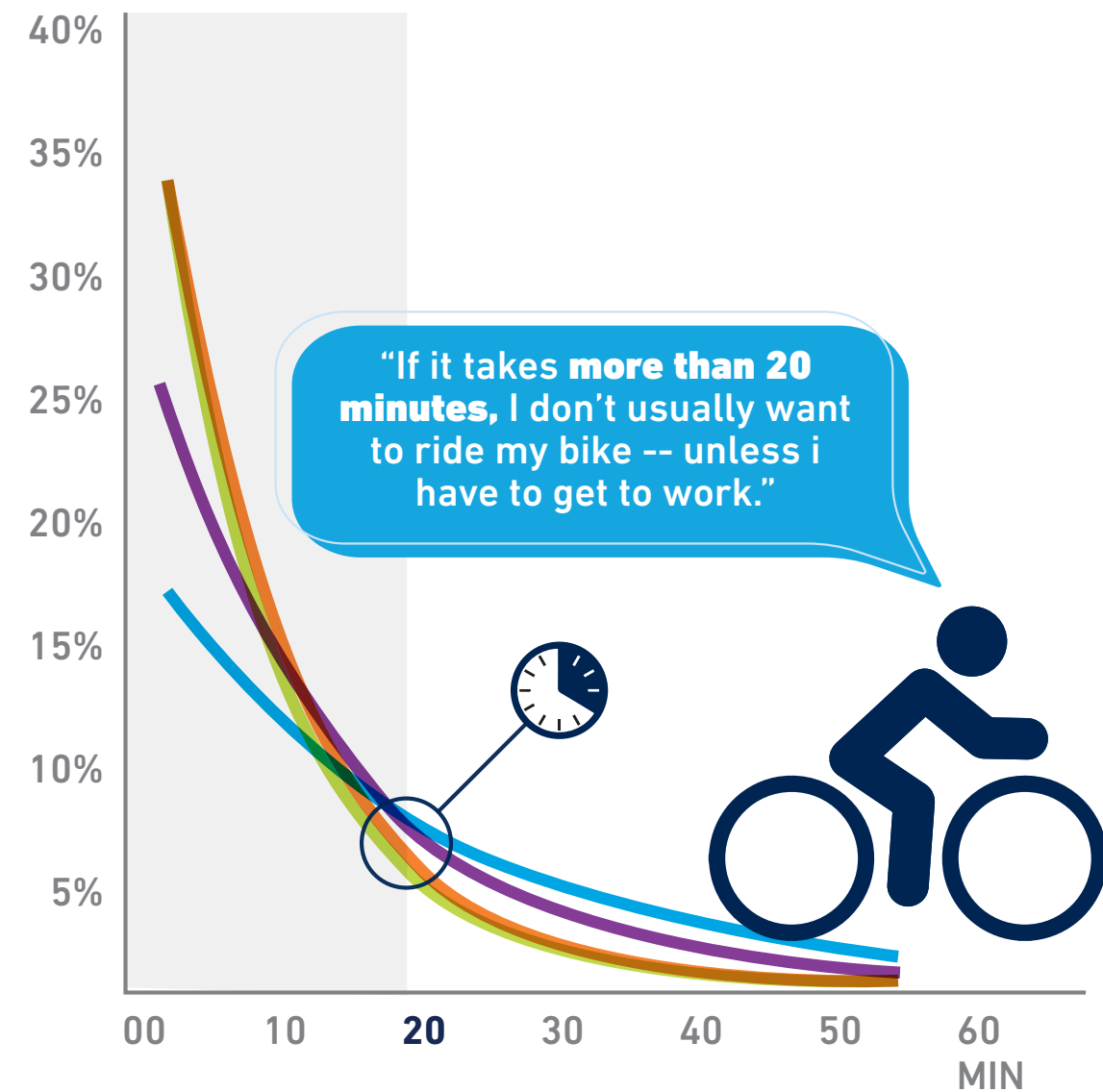
## Corridors

### Time Decay Curves

#### Walking Trips



#### Bicycle Trips



Source: Iacono, M., Krizek, K., & El-Geneidy, A. (2008). Access to destination: how close is close enough. Estimating accurate distance decay functions for multiple modes and different purposes. Minnesota Department of Transportation, St. Paul, MN/RC, 11



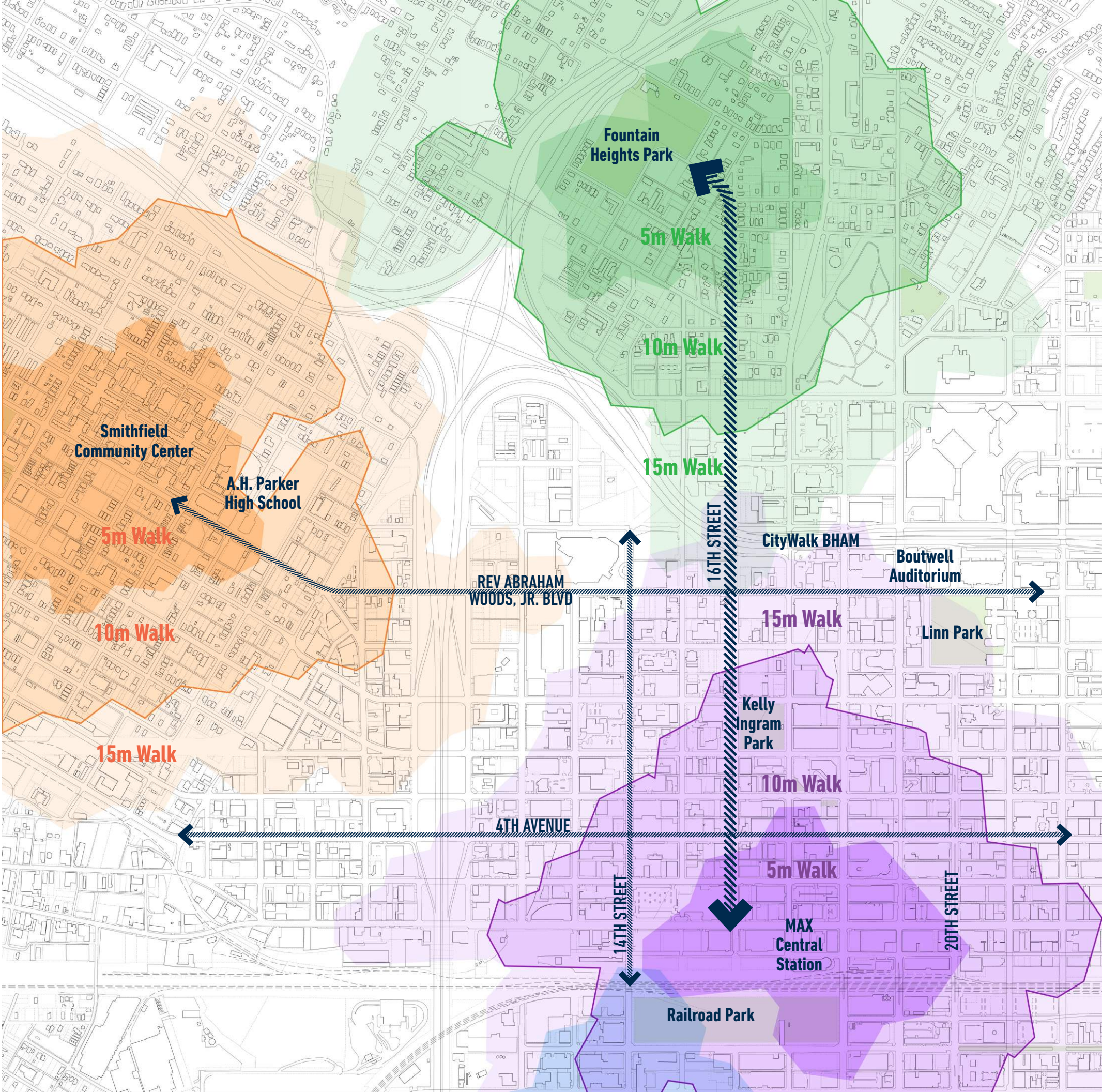
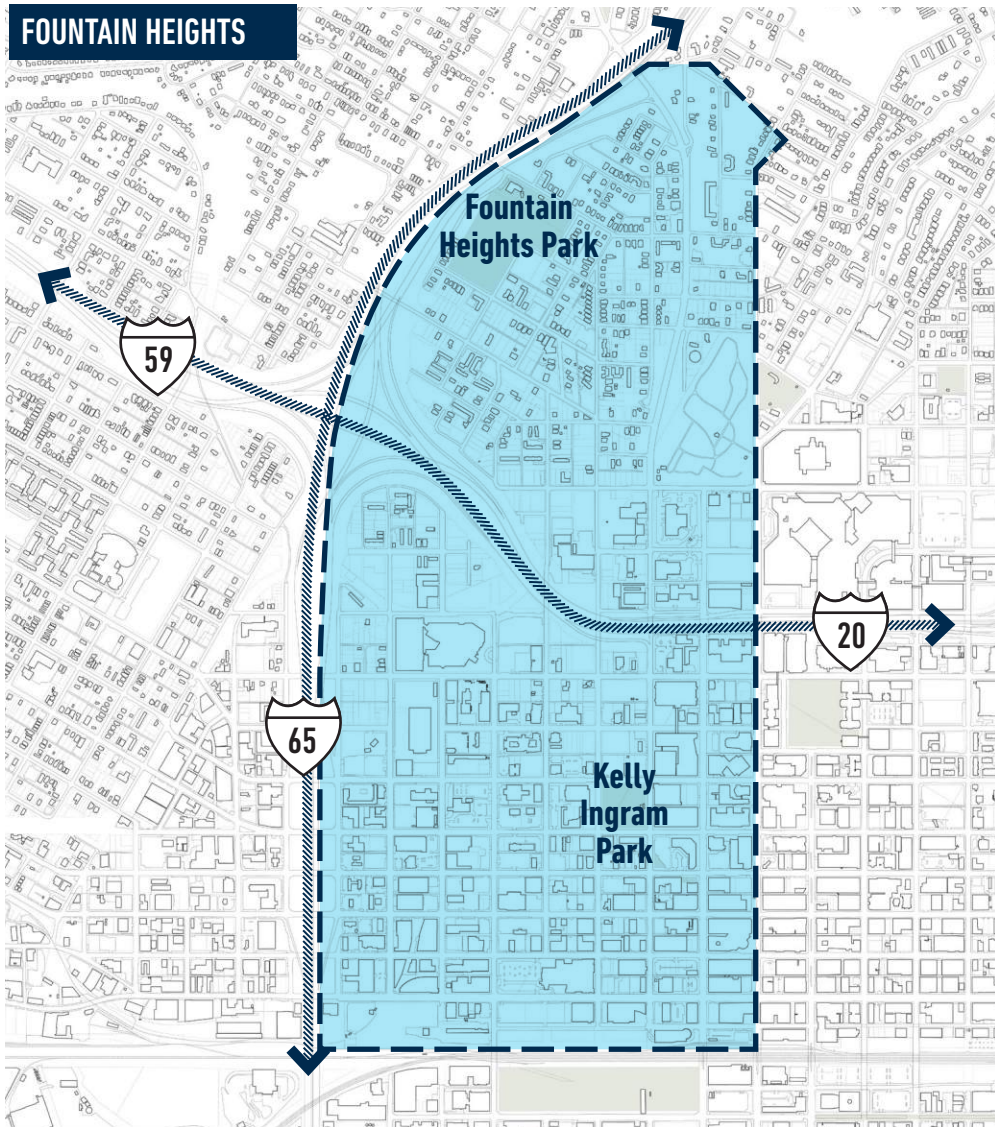
# Public Realm

## 16th Street

16TH STREET & MORRIS STREET LOOKING NORTH



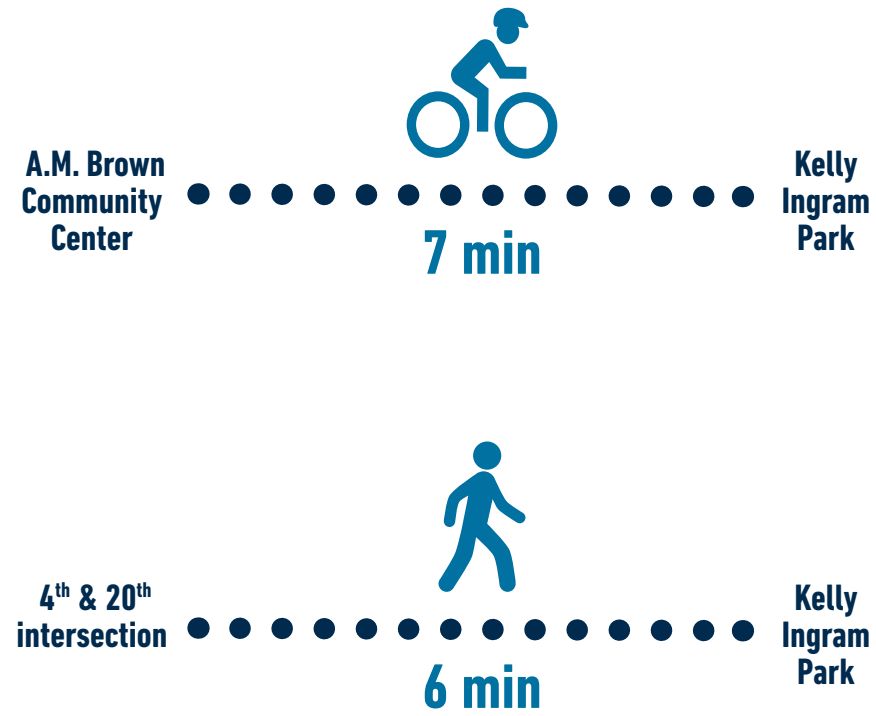
FOUNTAIN HEIGHTS



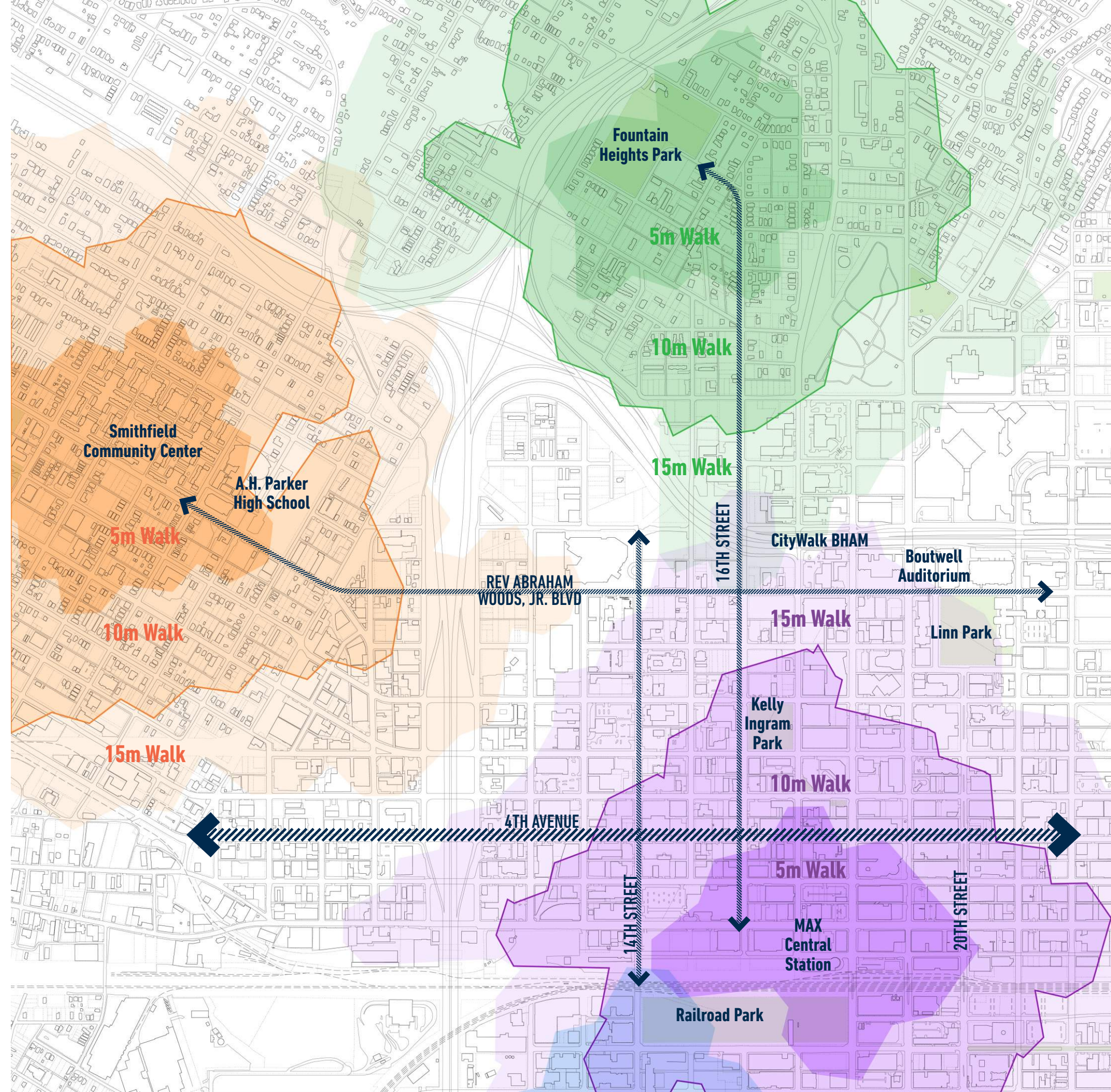


# Public Realm

## 4th Avenue North



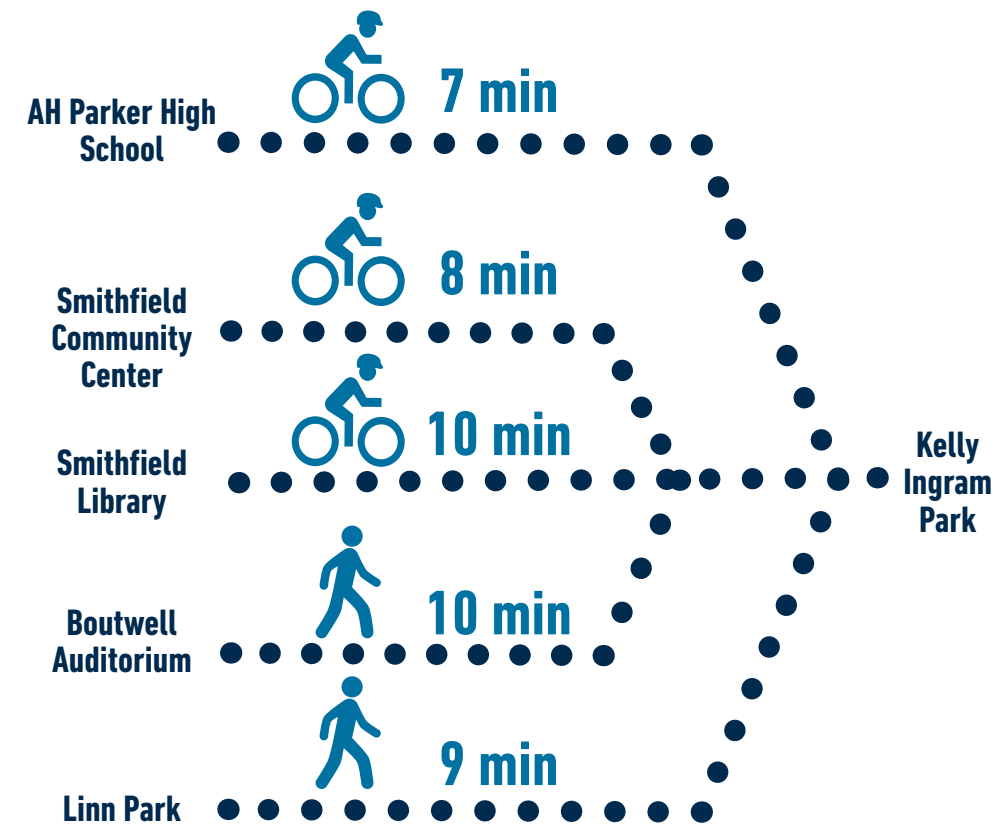
Over **50 percent** of the **Black-owned businesses** in the NW Quadrant are located along the **4th Ave corridor**



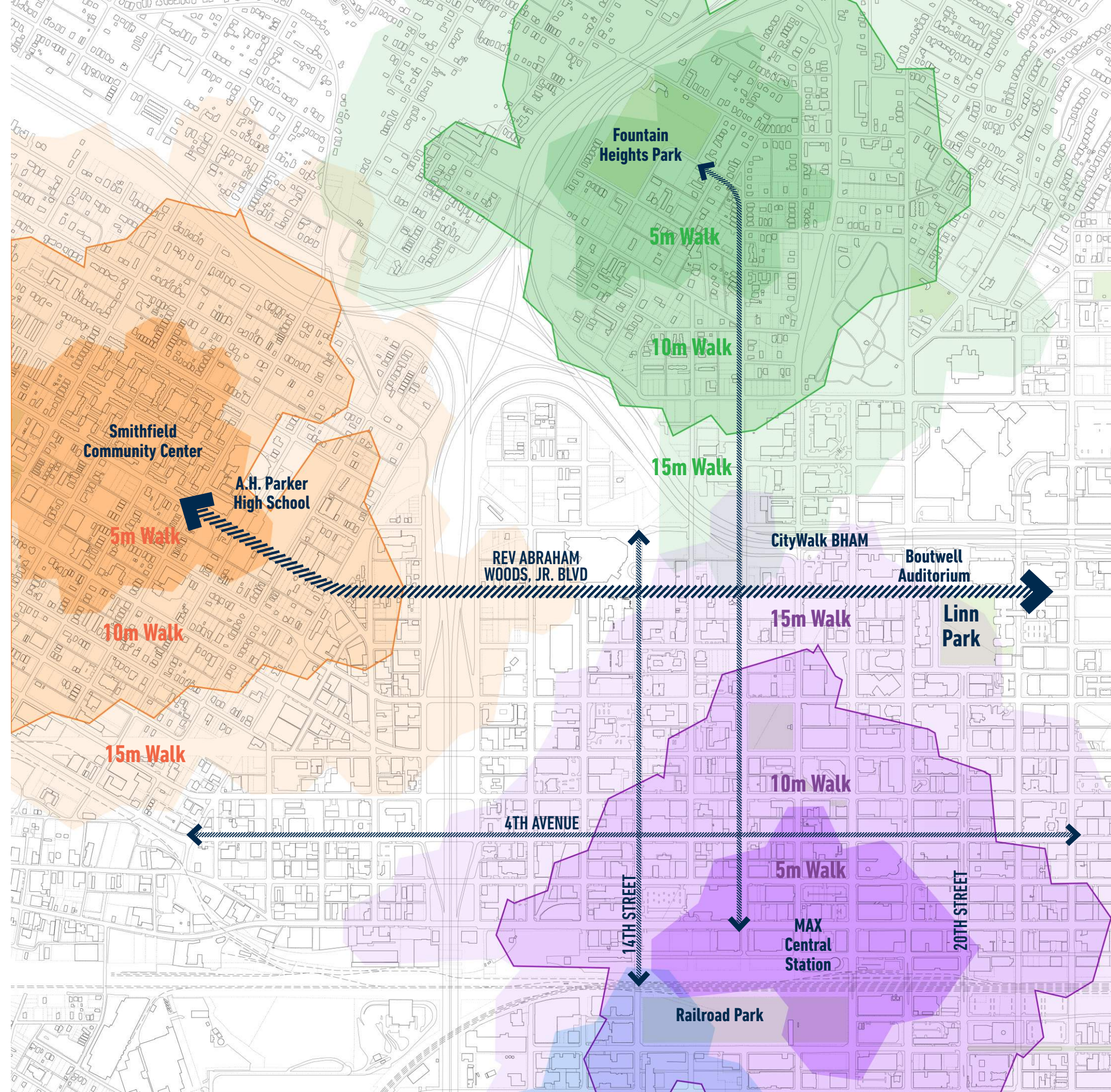


# Public Realm

Rev. Abraham Woods, Jr. Boulevard



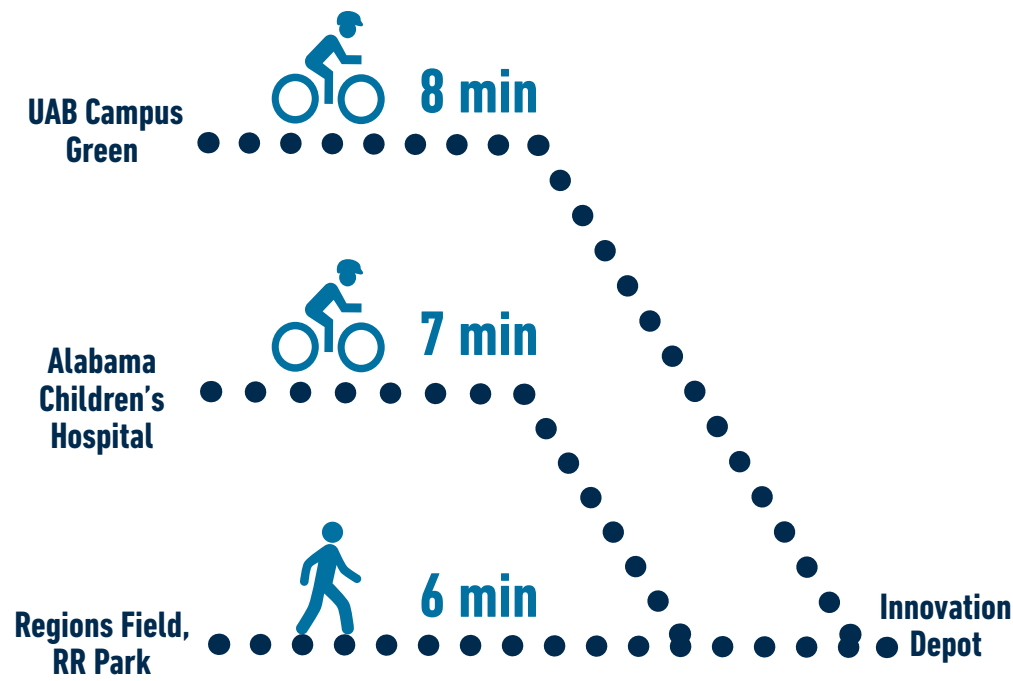
CityWalk Bham



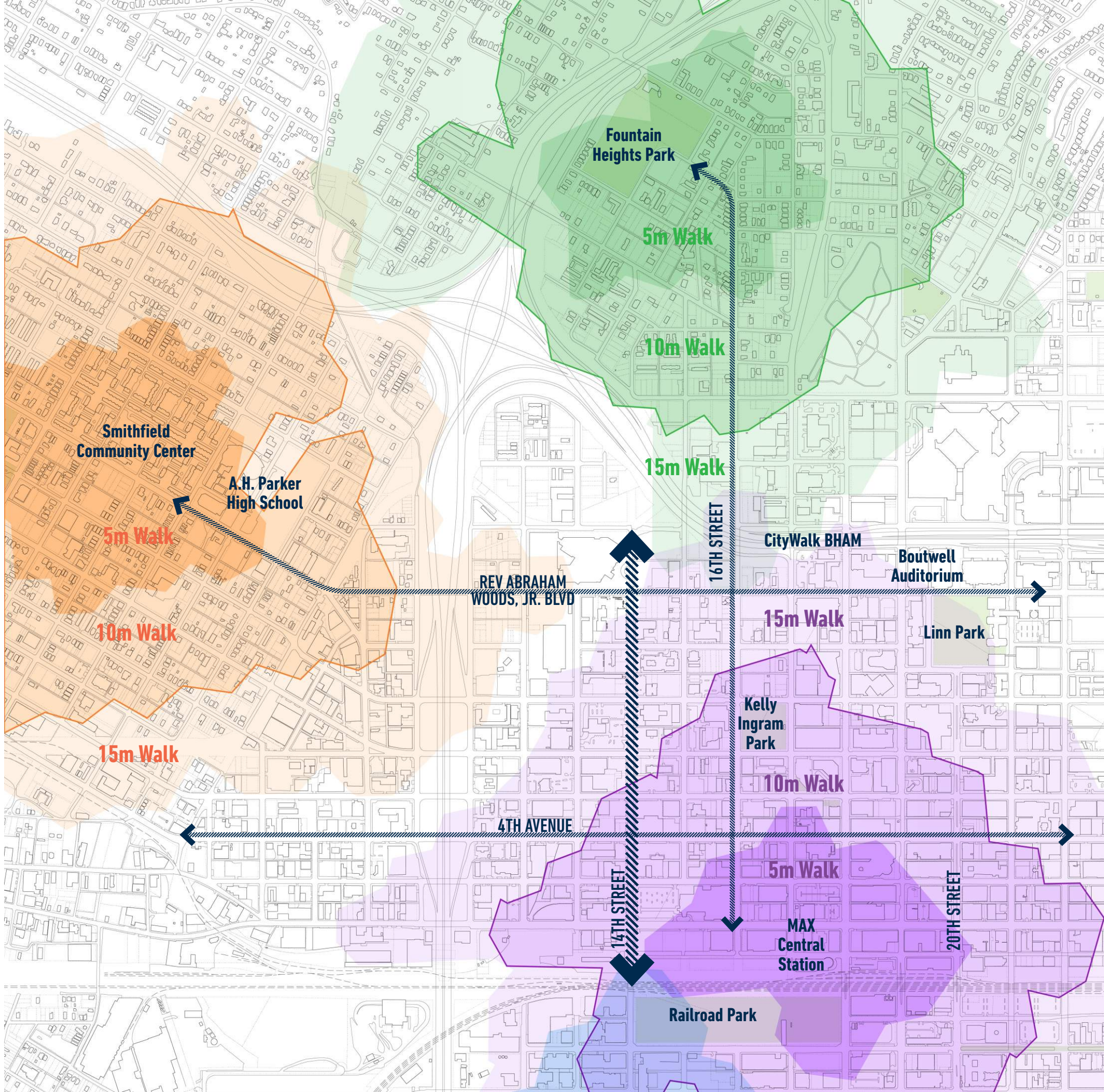


# Public Realm

## 14th Street North



Railroad Park





# Public Realm

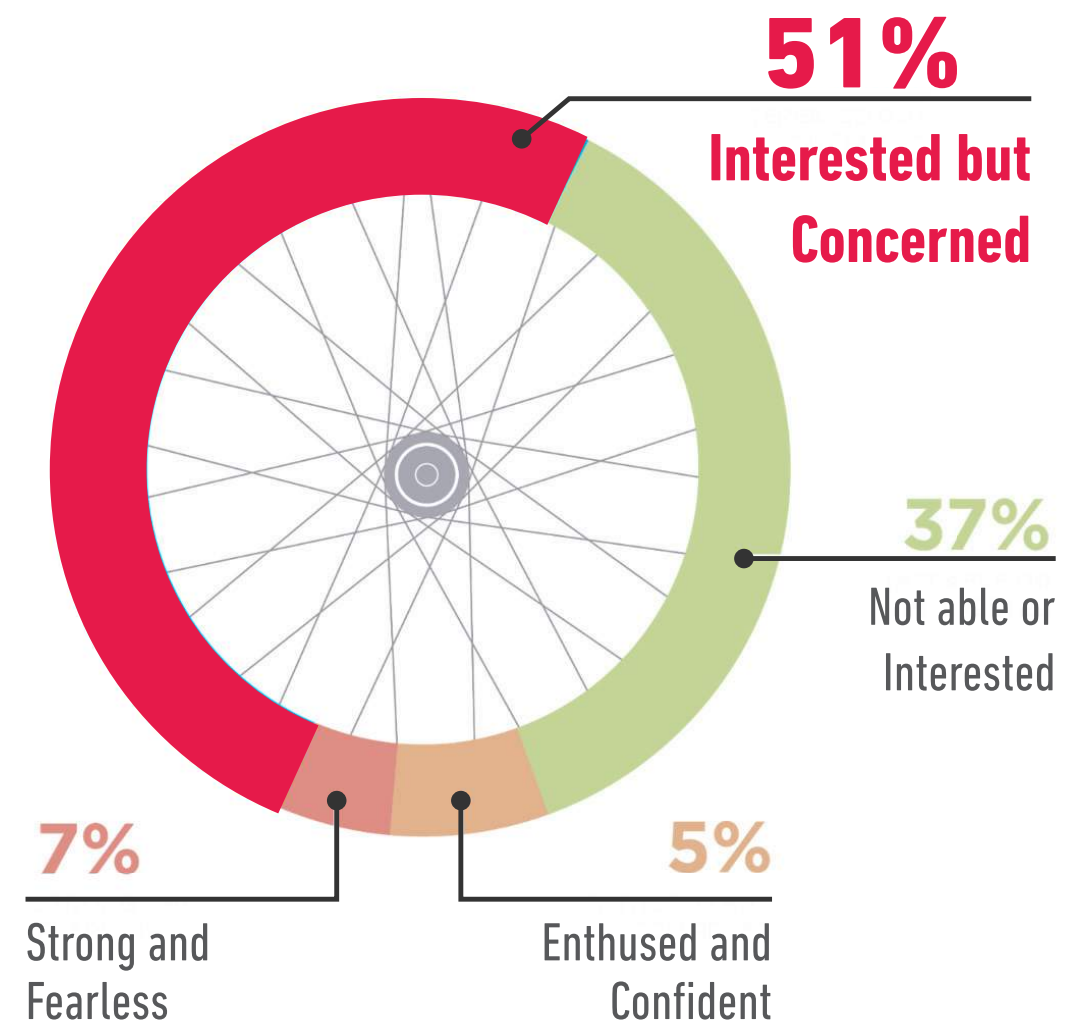
*Walkability*

## B-PLAN

Planning for Everyone



Figure 1-1: National Bicycle User Type Statistics (1)





# Public Realm

*Walkability*



*High Stress On-Street Facilities*



# Public Realm

## *Walkability*

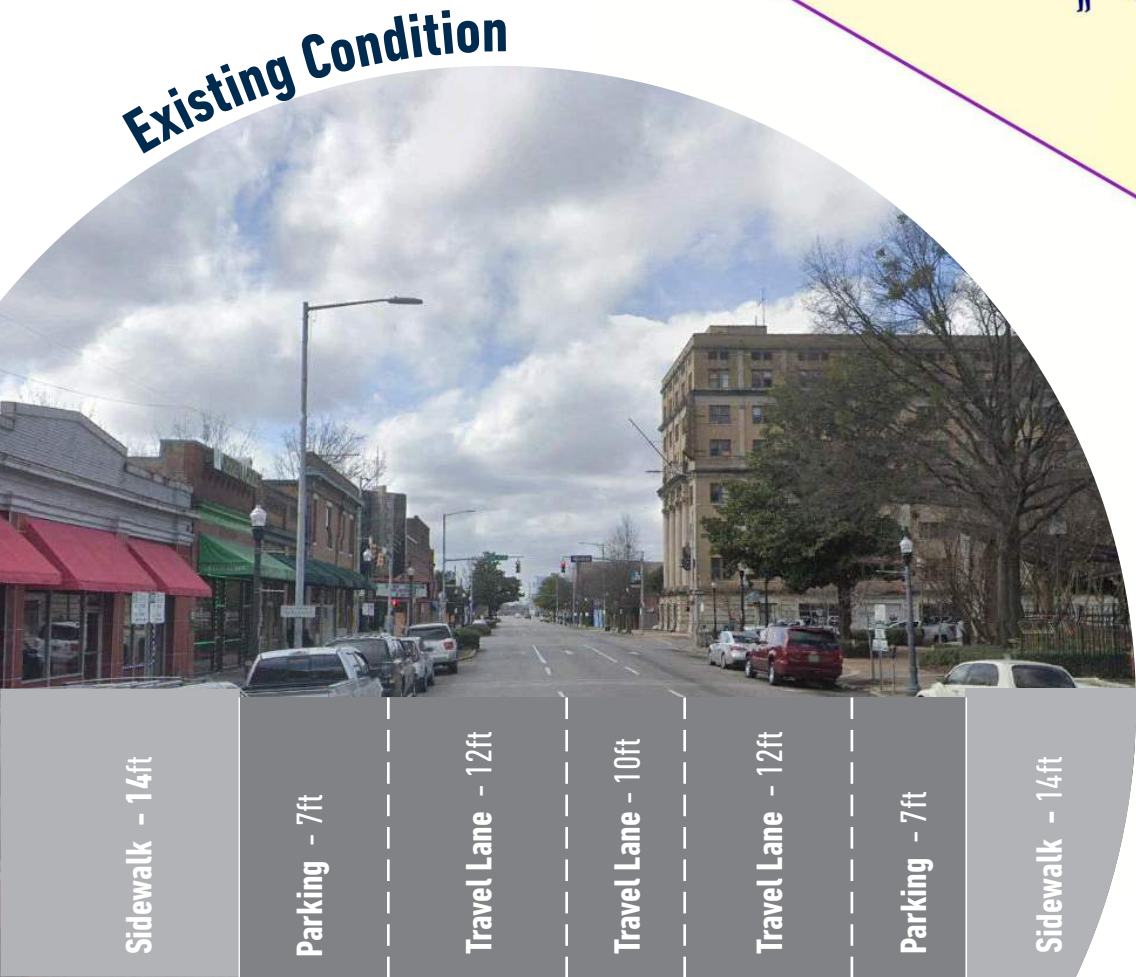


*Low-Stress Separated Facilities*



# Public Realm

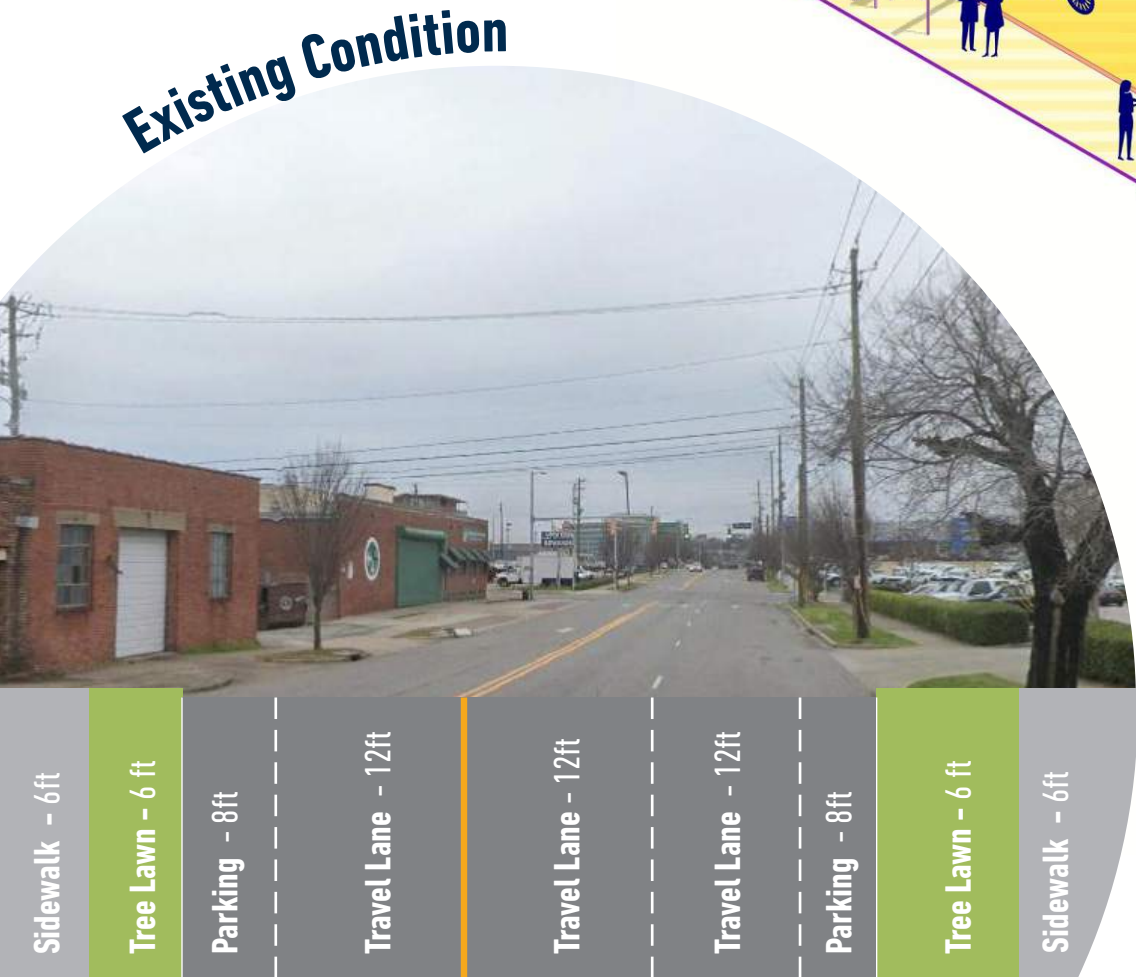
16th Street North and 4th Avenue North



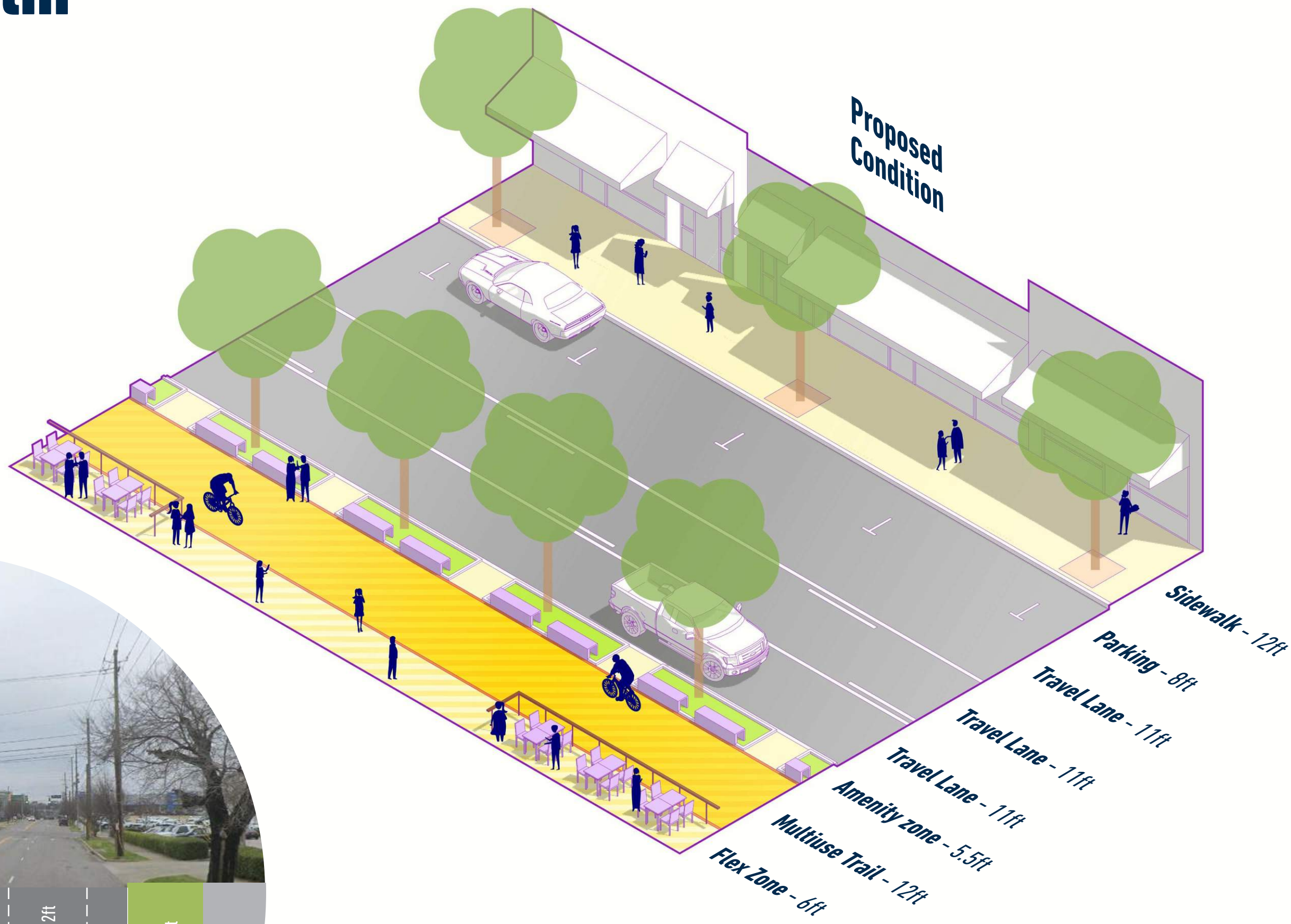


# Public Realm

14th Street North



Existing Condition





# Public Realm

Reverend Abraham Woods Jr Boulevard



Existing Condition

Sidewalk - 6ft	Tree Lawn - 6 ft	Travel Lane - 11ft	Travel Lane - 11ft	Turn Lane - 11ft	Travel Lane - 11ft	Travel Lane - 11ft	Tree Lawn - 6 ft	Sidewalk - 6ft
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